

Amendments to the Claims

1. (Currently Amended) A method for increasing the flexibility of the ocular lens of the eye, comprising the steps of:

- a) selecting a location within the ocular lens of an eye;
- b) creating a microsphere at the selected location, wherein said microsphere comprises a gas-filled bubble of generally spherical shape; and
- c) repeating the steps of selecting and creating at a plurality of locations within the ocular lens so as to increase the flexibility of the lens

wherein the microspheres ~~microsphere~~ created in step c) remain predominantly separate until after the last microsphere has been created ~~one step of creating remains separate from any other microsphere created during another step of creating.~~

2. (Original) The method of claim 1 wherein said increase in flexibility corrects an optical anomaly of the eye.

3. (Original) The method of claim 2 wherein said optical anomaly comprises a refractive error.

4. (Previously Presented) The method of claim 3 wherein said refractive error is myopia, hyperopia, presbyopia, regular astigmatism, irregular astigmatism, or aberrations.

5. (Previously Presented) The method for increasing flexibility as set forth in claim 4, wherein the step of repeating generates at least one change in the ocular lens resulting in at least

one effect selected from the group consisting of: alteration of lens surface curvature, increased lens flexibility, increased accommodation, reduced light scatter, reduced rate of increase in light scatter, and reduced rate of loss of accommodation.

6. (Original) The method of claim 1 wherein said increase in flexibility increases accommodation of the lens.

7. (Original) The method as set forth in claim 1 further including the step of: allowing said microspheres to collapse while maintaining said increase in flexibility.

8. (Original) The method as set forth in claim 7 wherein said collapse decreases the anterior to posterior thickness of the lens.

9. (Original) The method as set forth in claim 1 wherein the increase in flexibility creates no significant change in the anterior to posterior thickness of the lens.

10. (Cancelled)

11. (Previously Presented) The method of claim 1 wherein said microspheres are created with a separation in the range of about 2 μm to about 20 μm .

12 -39. (Cancelled)